IN THE CLAIMS

For the Examiner's convenience, all pending claims are presented herein. Those that are amended are prefixed with "(Once Amended)". Those that are new are prefixed with "(New)".

Presented below are the amended and new claims in a clean, unmarked format.

1. (Once Amended) In a communication system, a method of optimizing MPEG-7 transmissions between a server and one or more clients, a first ADL (application descriptive language) which is a subset of MPEG-7 DDL (Description definition language) being translated into binary for communication to a first client, the method comprising;

receiving, by the first client, the binary communication of the first ADL; and

translating, by the first client, the binary communication into the first ADL, the binary communication being translated using a frequency table, and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

2. (Unchanged) The method of claim 1 further comprising

generating the first ADL from the MPEG-DDL.

3. (Unchanged) The method of claim 1 further comprising

generating, by the server, the XSLT document.

4. (Once Amended) The method of claim 1 further comprising:

generating, by the server, the frequency table for translating the first ADL into the binary communication.

5. (Once Amended) The method of claim 1 further comprising:

downloading, by the first client, the frequency table and the XSLT document, prior to receiving the binary communication.

6. (Once Amended) The method of claim 1 wherein translating the binary communication into the first ADL further comprises generating a decoding codebook for the binary communication using the frequency table and the XSLT document.

7. (Unchanged) The method of claim 1 further comprising

communicating information carried by the binary communication to a second client via the server.

8. (Once Amended) The method of claim 7 further comprising:

translating the first ADL into the binary communication;

forwarding the binary communication to the server;

translating, by the server, the binary communication into the first ADL;

translating the first ADL into the MPEG-7 DDL; and

translating the MPEG-7 DDL into a second ADL different from the first ADL.

9. (Once Amended) The method of claim 8 further comprising:

translating the second ADL into a binary communication for forwarding to the second client.

10. (New) A computer-readable medium having executable instructions to cause a computer to perform a method comprising:

receiving, by a first client, a binary communication corresponding to a first ADL (application descriptive language), the ADL being is a subset of MPEG-7 DDL (description definition language); and

translating, by the first client, the binary communication into the first ADL, the binary communication being translated using a frequency table, and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

11. (New) The computer-readable medium of claim 10, wherein the method further comprises:

generating the first ADL from the MPEG-7 DDL.

12. (New) The computer-readable medium of claim 10, wherein the method further comprises:

generating, by the server, the XSLT document.

13. (New) The computer-readable medium of claim 10, wherein the method further comprises:

generating, by the server, the frequency table for translating the first ADL into the binary communication.

14. (New) The computer-readable medium of claim 10, wherein the method further comprises:

downloading, by the first client, the frequency table and the XSLT document, prior to receiving the binary communication.

15. (New) The computer-readable medium of claim 10, wherein translating the binary communication into the first ADL further comprises:

generating a decoding codebook for the binary communication using the frequency table and the XSLT document.

16. (New) The computer-readable medium of claim 10, wherein the method further comprises:

communicating information carried by the binary communication to a second client via the server.

17. (New) The computer-readable medium of claim 16, wherein the method further comprises:

translating the first ADL into the binary communication;

forwarding the binary communication to the server;

translating, by the server, the binary communication into the first ADL;

translating the first ADL into the MPEG-7 DDL; and

translating the MPEG-7 DDL into a second ADL different from the first ADL.

18. (New) The computer-readable medium of claim 17, wherein the method further comprises:

translating the second ADL into a corresponding binary communication for forwarding to the second client.

19. (New) A communications system comprising:

a server coupled to a network of clients to transmit a binary communication corresponding to a first ADL (application descriptive language) to a first client, the ADL being a subset of MPEG-7 DDL (description definition language).

20. (New) The communication system of claim 19, wherein the server is further operable to generate the first ADL from the MPEG-7 DDL.

21. (New) The communication system of claim 19, wherein the server is further operable to translate the first ADL into the binary communication.

22. (New) The communication system of claim 19, wherein the server is further operable to generate an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

23. (New) The communication system of claim 19, wherein the server is further operable to generate a frequency table for translating the first ADL into the binary communication.

24. (New) The communication system of claim 19, wherein the server is further operable to communicate information carried by the binary communication to a second client.

25. (New) The communication system of claim 24, wherein the server is further operable to receive the binary communication, to translate the binary communication into the first ADL, to translate the first ADL into the MPEG-7 DDL, and to translate the MPEG-7 DDL into a second ADL different from the first ADL.

26. (New) The communication system of claim 25, wherein the server is further operable to translate the second ADL into a corresponding binary communication for forwarding to the second client.

27. (New) The communication system of claim 19, wherein the first client is operable to receive the binary communication, and to translate the binary communication into the first ADL using a frequency table and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

28. (New) The communication system of claim 27, wherein the first client is further operable to download the frequency table and the XSLT document, prior to receiving the binary communication.

29. (New) The communication system of claim 27, wherein the first client is further operable to generate a decoding codebook for the binary communication using the frequency table and the XSLT document.